

SEQUENCE LISTING

<110> American Home Products

<120> Beta-amyloid Peptide-Binding Proteins and Polynucleotides Encoding the Same

<130> AHP981261C1

<150> US 09/172,990

<151> 1998-10-14

<150> US 09/060,609

<151> 1998-04-15

<150> US 60/064,583

<151> 1997-04-16

<160> 2

<170> PatentIn version 3.0

<210> 1

<211> 810

<212> DNA

<213> Homo sapiens

<220>

<221> CDS

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5

10

15

cag aag aac acg cga aga gac gga act ggc ctc tat cct atg cga ggt

9

6 Gln Lys Asn Thr Arg Arg Asp Gly Thr Gly Leu Tyr Pro Met Arg Gly

20

25

30

ccc ttt aag aac ctc gcc ctg ttg ccc ttc tcc ctc ccg ctc ctg ggc

14

4 Pro Phe Lys Asn Leu Ala Leu Leu Pro Phe Ser Leu Pro Leu Leu Gly

35

40

45

| | | |
|---|-----------------------------|-----|
| gga ggc gga agc gga agt ggc gag aaa | gtg tcg gtc tcc aag atg gcg | 19 |
| 2 | | |
| Gly Gly Gly Ser Gly Ser Gly Glu Lys Val Ser Val Ser Lys Met Ala | | |
| 50 | 55 | 60 |
| | | |
| gcc gcc tgg ccg tct ggt ccg tct gct ccg gag | gcc gtg acg gcc aga | 24 |
| 0 | | |
| Ala Ala Trp Pro Ser Gly Pro Ser Ala Pro Glu Ala Val Thr Ala Arg | | |
| 65 | 70 | 75 |
| | | |
| ctc gtt ggt gtc ctg tgg ttc gtc tca gtc act aca gga ccc | tgg ggg | 28 |
| 8 | | |
| Leu Val Gly Val Leu Trp Phe Val Ser Val Thr Thr Gly Pro Trp Gly | | |
| 85 | 90 | 95 |
| | | |
| gct gtt gcc acc tcc gcc ggg ggc gag gag tcg ctt aag tgc gag gac | 33 | |
| 6 | | |
| Ala Val Ala Thr Ser Ala Gly Gly Glu Ser Leu Lys Cys Glu Asp | | |
| 100 | 105 | 110 |
| | | |
| ctc aaa gtg gga caa tat att tgt aaa gat cca aaa ata aat gac gct | 38 | |
| 4 | | |
| Leu Lys Val Gly Gln Tyr Ile Cys Lys Asp Pro Lys Ile Asn Asp Ala | | |
| 115 | 120 | 125 |
| | | |
| acg caa gaa cca gtt aac tgt aca aac tac aca gct cat gtt tcc tgt | 43 | |
| 2 | | |
| Thr Gln Glu Pro Val Asn Cys Thr Asn Tyr Thr Ala His Val Ser Cys | | |
| 130 | 135 | 140 |
| | | |
| ttt cca gca ccc aac ata act tgt aag gat tcc agt ggc aat gaa aca | 48 | |
| 0 | | |
| Phe Pro Ala Pro Asn Ile Thr Cys Lys Asp Ser Ser Gly Asn Glu Thr | | |
| 145 | 150 | 155 |
| | | |
| cat ttt act ggg aac gaa gtt ggt ttt ttc aag ccc ata tct tgc cga | 52 | |
| 8 | | |

His Phe Thr Gly Asn Glu Val Gly Phe Phe Lys Pro Ile Ser Cys Arg

165 170 175

aat gta aat ggc tat tcc tac aaa gtg gca gtc gca ttg tct ctt ttt 57
6

Asn Val Asn Gly Tyr Ser Tyr Lys Val Ala Val Ala Leu Ser Leu Phe

180 185 190

ctt gga tgg ttg gga gca gat cga ttt tac ctt gga tac cct gct ttg 62
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Leu Gly Trp Leu Gly Ala Asp Arg Phe Tyr Leu Gly Tyr Pro Ala Leu

195 200 205

ggt ttg tta aag ttt tgc act gta ggg ttt tgt gga att ggg agc cta 67
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Gly Leu Leu Lys Phe Cys Thr Val Gly Phe Cys Gly Ile Gly Ser Leu

210 215 220

att gat ttc att ctt att tca atg cag att gtt gga cct tca gat gga 72
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Ile Asp Phe Ile Leu Ile Ser Met Gln Ile Val Gly Pro Ser Asp Gly

225 230 235 240

agt agt tac att ata gat tac tat gga acc aga ctt aca aga ctg agt 76
8

Ser Ser Tyr Ile Ile Asp Tyr Tyr Gly Thr Arg Leu Thr Arg Leu Ser

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260 265

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<212> PRT

<213> Homo sapiens

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Pro Phe Lys Asn Leu Ala Leu Leu Pro Phe Ser Leu Pro Leu Leu Gly
35 40 45

Gly Gly Gly Ser Gly Ser Gly Glu Lys Val Ser Val Ser Lys Met Ala
50 55 60

Ala Ala Trp Pro Ser Gly Pro Ser Ala Pro Glu Ala Val Thr Ala Arg
65 70 75 80

Leu Val Gly Val Leu Trp Phe Val Ser Val Thr Thr Gly Pro Trp Gly
85 90 95

Ala Val Ala Thr Ser Ala Gly Gly Glu Glu Ser Leu Lys Cys Glu Asp
100 105 110

Leu Lys Val Gly Gln Tyr Ile Cys Lys Asp Pro Lys Ile Asn Asp Ala
115 120 125

Thr Gln Glu Pro Val Asn Cys Thr Asn Tyr Thr Ala His Val Ser Cys
130 135 140

Phe Pro Ala Pro Asn Ile Thr Cys Lys Asp Ser Ser Gly Asn Glu Thr
145 150 155 160

His Phe Thr Gly Asn Glu Val Gly Phe Phe Lys Pro Ile Ser Cys Arg
165 170 175

Asn Val Asn Gly Tyr Ser Tyr Lys Val Ala Val Ala Leu Ser Leu Phe
180 185 190

Leu Gly Trp Leu Gly Ala Asp Arg Phe Tyr Leu Gly Tyr Pro Ala Leu

195

200

205

Gly Leu Leu Lys Phe Cys Thr Val Gly Phe Cys Gly Ile Gly Ser Leu
210 215 220

Ile Asp Phe Ile Leu Ile Ser Met Gln Ile Val Gly Pro Ser Asp Gly
225 230 235 240

Ser Ser Tyr Ile Ile Asp Tyr Tyr Gly Thr Arg Leu Thr Arg Leu Ser
245 250 255

Ile Thr Asn Glu Thr Phe Arg Lys Thr Gln Leu Tyr Pro
260 265